

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name SCHUYLER CREEK		Waterbody ID Code 96500	Sample ID (YYYYMMDD-CY-FD) 20191009-15-08
Sampling Location CTH U			Database Key 209711201
SWIMS Station ID 10016026		SWIMS Station Name SCHUYLER CREEK - CTH U	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) TWIN - DOOR - KEWAUNEE		Watershed Name STONY CREEK	County DOOR

Sample and Site Descriptors	
Sample Collector (Last Name, First) MARY GANSBERG	Project Name NE LAKESHORE TMDL SUPPLEMENTAL MONITORING 2019

Sampling Device

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 2	Estimated Area Sampled (m ²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 12.4	D.O. (mg/l) 9.9	D.O. (% sat.) 92.6	pH (su) 8.1	Conductivity (umhos/cm) 564	Transparency (cm)
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Water Color

Clear
 Turbid
 Stained

Estimated Stream Velocity (m/s)

Slow (< 0.15 m/s)
 Moderate (0.15 m/s - 0.5 m/s)
 Fast (> 0.5 m/s)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.7	Average Stream Width of reach (m) 5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 60
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 20

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter	<i>Coash, Natalie</i>	Taxonomist <i>Demick, Jeffrey</i>
Date Processed	<i>12/13/2019</i>	Estimated Percent of Sample Sorted <i>13%</i>
		Specimens Saved <i>subsample archived in BCL until Aug 2023</i>

C1-89
B1-50
 (139)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Cheumatopsyche	L	xr	15	Hils 1995		
Hydropsyche betterii	L	1	1	Schim Hils 1986		
Optiosevus	L	iiii	9	Hils Schim 1992	imm	N
O. fastiditus L, 51 A, 7	L, A	8xiii	58	"		
Neoplasta	L	ii	2	Merritt 2019		
Simulium vittatum species complex 08110217	L	iii	3	Ad et al 2004		
Gammarus pseudolimnoides	A	i	1	Hils 1972		
Tipula	L	-	5	Hils 1995		
Hygrobatas	A	i	1	Pluchino 1984		
Naididae	A	iiii	4	Brimfield 1991		
Tubificinae (without hairs)	A	i	1	Klemm 1985		
Split A2 Chironomidae	L	1-1111				
Split A2 Chironomidae	L	8-1-1111				
Diamasa	L	i	1	Scott et al 2013		
Eukiefferella claripennis group	L	iiii	9	And + 3 2013		
Dasyhelea	L	i	1	Hils 1995		
Dicrotendipes	L	i	1	Epl et al 2013		
Micropectra	L	ii	2	"		
Paratanytarsus longistilus	L	iiii	8	"		
P. species A	L	i	1	Hils unpubl		
P. species B	L	-i	6	"		
Polypedilum (Polypedilum) illinoense group	L	i	1	Bolton 2012		
P. (Vesipredilum) aviceps	L	iiii	8	"		
Rheotanytarsus	L	iii	3	Epl et al 2013		

< 3 taxa, TVAL < 2.0